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## **HIGHWAY STANDARDS**

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 000001-06 DECIMAL OF AN INCH AND OF A FOOT 001006 406201-01 442201-03 542401-01 MAILBOX TURNOUT
CLASS C AND D PATCHES
METAL END\_SECTION FOR PIPE CULVERTS 630001-10 STEEL PLATE BEAM GUARDRAIL GUARDRAIL MOUNTED ON EXISTING CULVERTS 630101-09 630301-06 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS TRAFFIC BARRIER TERMINAL, TYPE 2 631011-09 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT 635011-02 REFLECTOR MOUNTING AND MARKER DETAILS OFF-RD OPERATIONS, 2L ,2W MORE THAN 15' AWAY 701001-02 OFF-RD OPERATIONS, 2L .2W 15' TO 24" FROM PAVEMENT EDGE 701006-**05** OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY 701011-**04** LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH 701201-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS 701301-04 701306-03 LANE CLOSURE, 2L. 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH LANE CLOSURE, 2L, 2W. SLOW MOVING OPERATIONS DAY ONLY 701311-03 701336-06 LANE CLOSURE, 2L. 2W, WORK IN SERIES, FOR SPEEDS ≥ 45 MPH URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED 701501-06 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE SIDEWALK, CORNER, OR CROSSWALK CLOSURE 701502-06 701801-05 TRAFFIC CONTROL DEVICES 701901- **03** 780001-**04** TYPICAL PAVEMENT MARKINGS 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS 805001-01 ELECTRICAL SERVICE INSTALLATION DETAILS 814001-02 HANDHOLES DOUBLE HANDHOLES 814006-02 873001-02 TRAFFIC SIGNAL GROUNDING & BONDING 877001-05 STEEL MAST ARM ASSEMBLY & POLE 16' THROUGH 55' CONCRETE FOUNDATION DETAILS
SPAN WIRE MOUNTED SIGNALS & FLASHING BEACON INSTALL 878001-09 880001-01 TRAFFIC SIGNAL MOUNTING DETAILS 880006-01 886001-01 DETECTOR LOOP INSTALLATIONS 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

## **GENERAL NOTES**

- 1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 2. THE LOCATIONS OF THE REPAIR AREAS AS SHOWN IN THE PLANS ARE APPROXIMATE LOCATIONS. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- 3. NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED ON THE PROJECT.
- 4. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT SURVEY WAS ONLY PERFORMED FROM STA. 1490+18 TO STA. 1510+50 FOR THIS PROJECT. ALL OTHER STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
- 5. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS.

6. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE

UTILITY	ABOVE GROUND	BELOW GROUND		
AMEREN ILLINOIS	χ	Х		
AT&T ILLINOIS	X	Х		
CHARTER COMMUNICATIONS, INC.	Х	X		
CLEARWAVE COMMUNICATIONS	X	X		
FRONTIER NORTH, INC.	X	Х		
CITY OF NASHVILLE (WATER & SANITARY)		Χ		
CITY OF NASHVILLE (GAS)		χ		
TRI-COUNTY ELECTRIC COOPERATIVE. INC.	Х	Х		

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY . NON-JULLIE, MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- 7. ALL DISTURBED EMBANKMENT AREAS SHALL BE SEEDED WITH CLASS 2A SEED, FERTILIZER AND MULCH AS PER SECTION 250,04 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COST FOR PERFORMING THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK INITIATING THE DISTURBANCE.
- 8, ACCESS SHALL BE MAINTAINED TO ALL PROPERTIES UNLESS OTHERWISE NOTED IN
- 9. ONLY SHORT TERM PAVEMENT MAKING REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL (SO FT)".
- 10. THE TEMPORARY RAMPS USED ON ALL SIDE STREETS AND ENTRANCES SHALL BE 3 FEET IN LENGTH FROM STA, 927+60 TO STA, 1384+97 SO AS NOT TO INTERFERE WITH THE THRU TRAFFIC LANES.
- 11. THE ESTIMATED QUANTITY OF 6750 TONS OF CUTTINGS IS FROM THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION.
- 12. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- 13. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED FOR THIS PROJECT FROM STA. 927+60 TO STA. 1384+97. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS.
- 14. FLAGGERS SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS.
- 15. 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
- 16. THE INTENT OF THE MILLING IS TO REMOVE THE HMA RESURFACING ONLY. THE UNDERLYING CONCRETE SHALL NOT BE DISTURBED.
- 17. THE VARIOUS THICKNESS OF BITUMINOUS SURFACE REMOVAL SHOWN ON THE PLANS IS THE AVERAGE THICKNESS BASED UPON CONTROLLING THICKNESS AS INDICATED. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE. BITUMINOUS SURFACE REMOVAL HAS BEEN INCLUDED IN THE PLANS FOR THE PURPOSE OF REMOVING HIGH IRREGULARITIES AND TO ESTABLISH CROSS SLOPE.

18. THE CONTRACTOR SHALL MAINTAIN POSITIVE AND ADEQUATE DRAINAGE AT ALL TIMES.

## COMMITMENTS

NONE

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